

FIG. 1

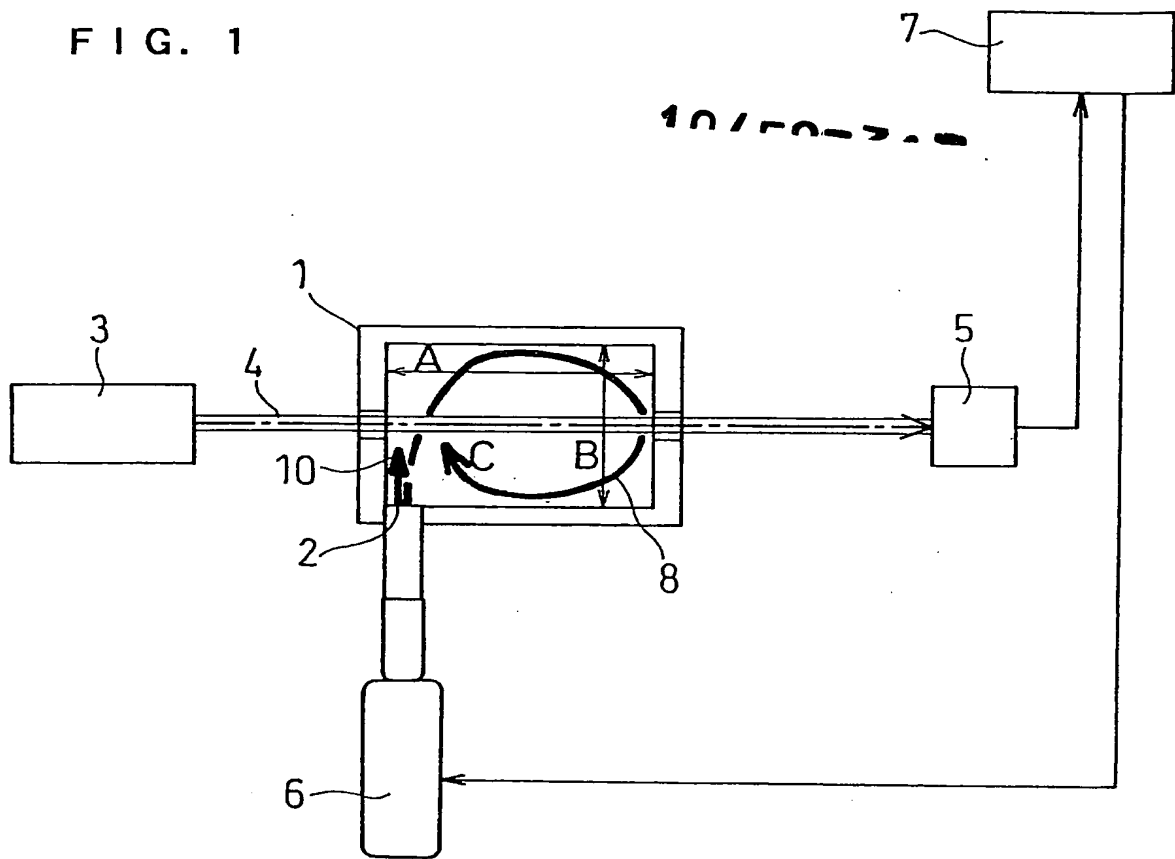


FIG. 2

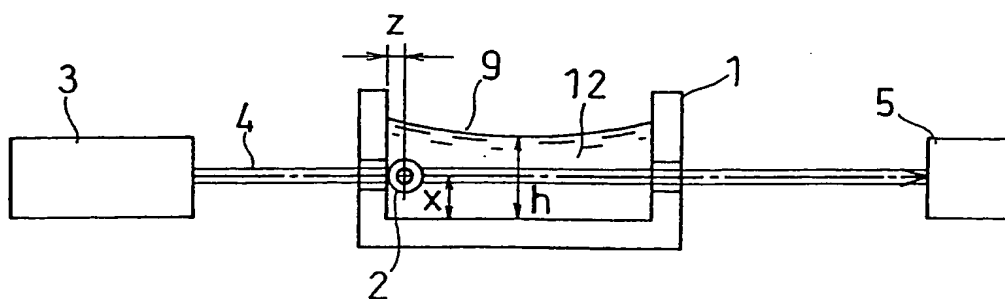


FIG. 3

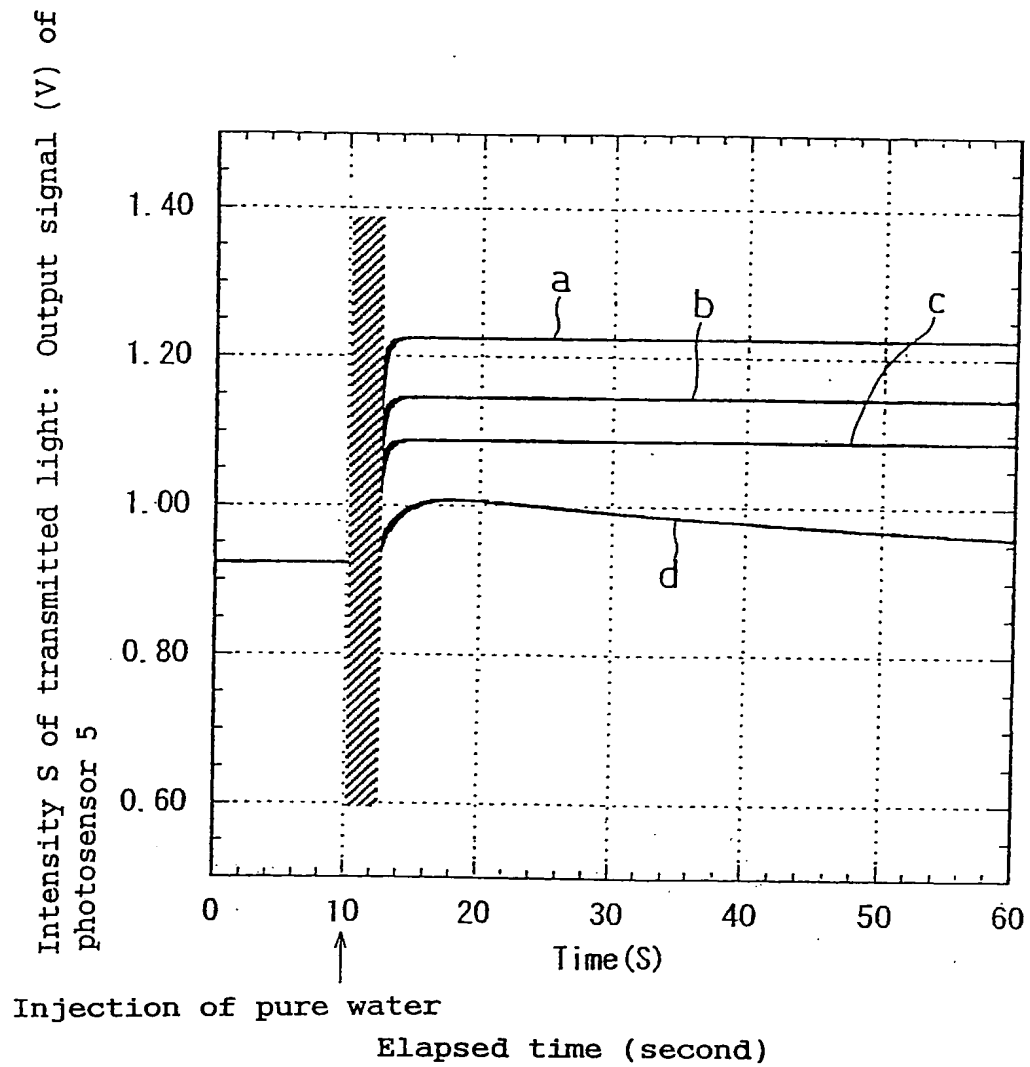


FIG. 4

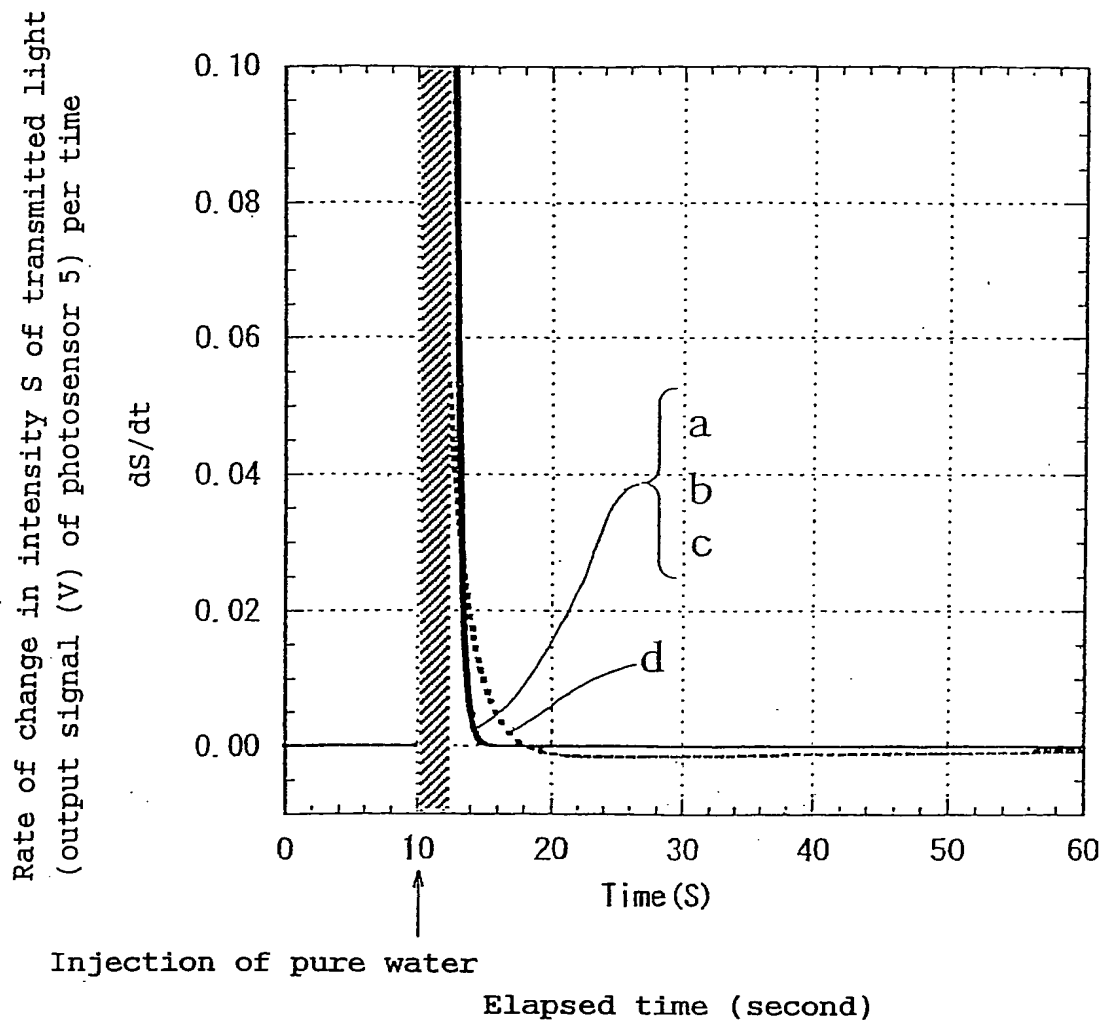


FIG. 5

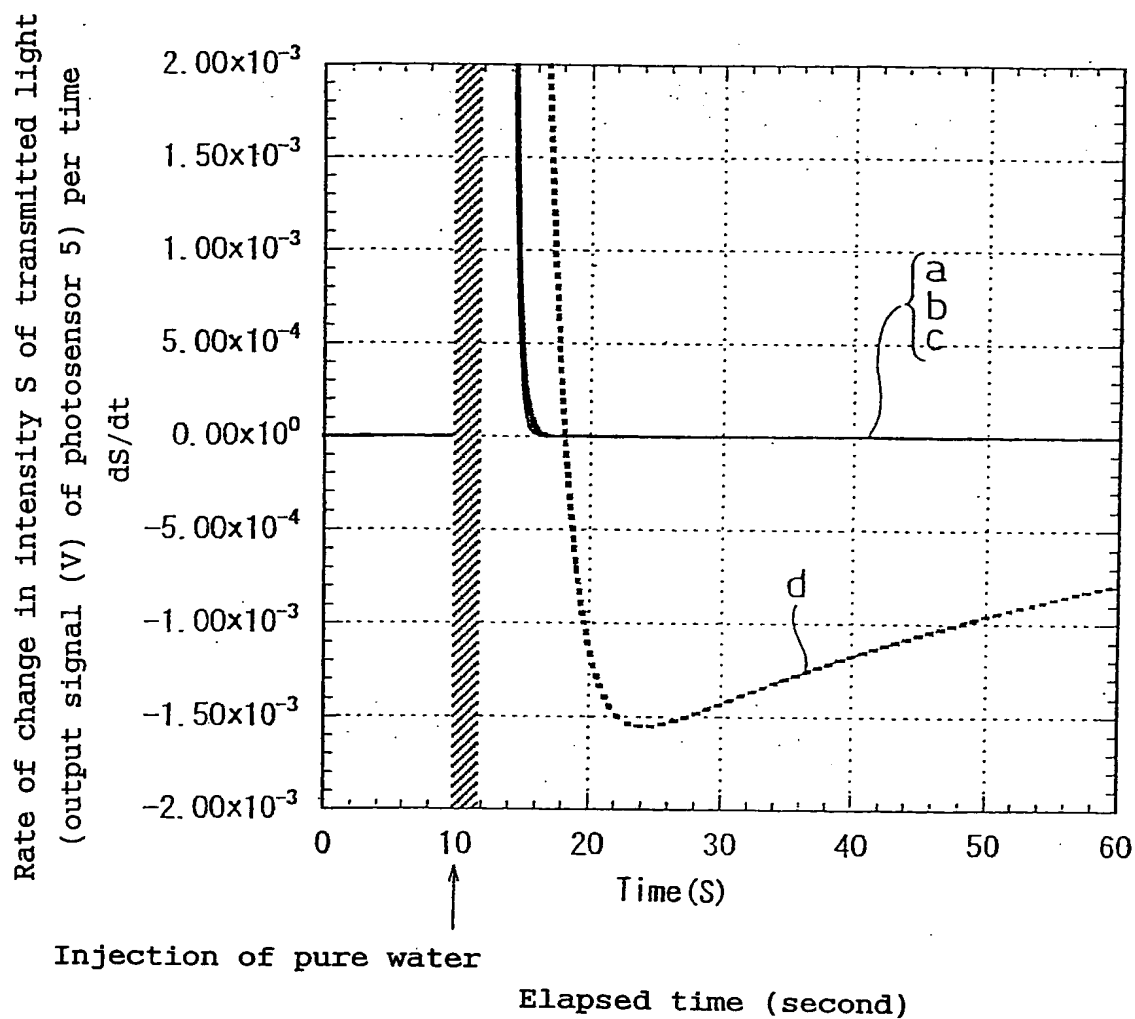


FIG. 6

Rate of change in intensity S of transmitted light
(output signal (V) of photosensor 5) per time
 dS/dt [V/S]

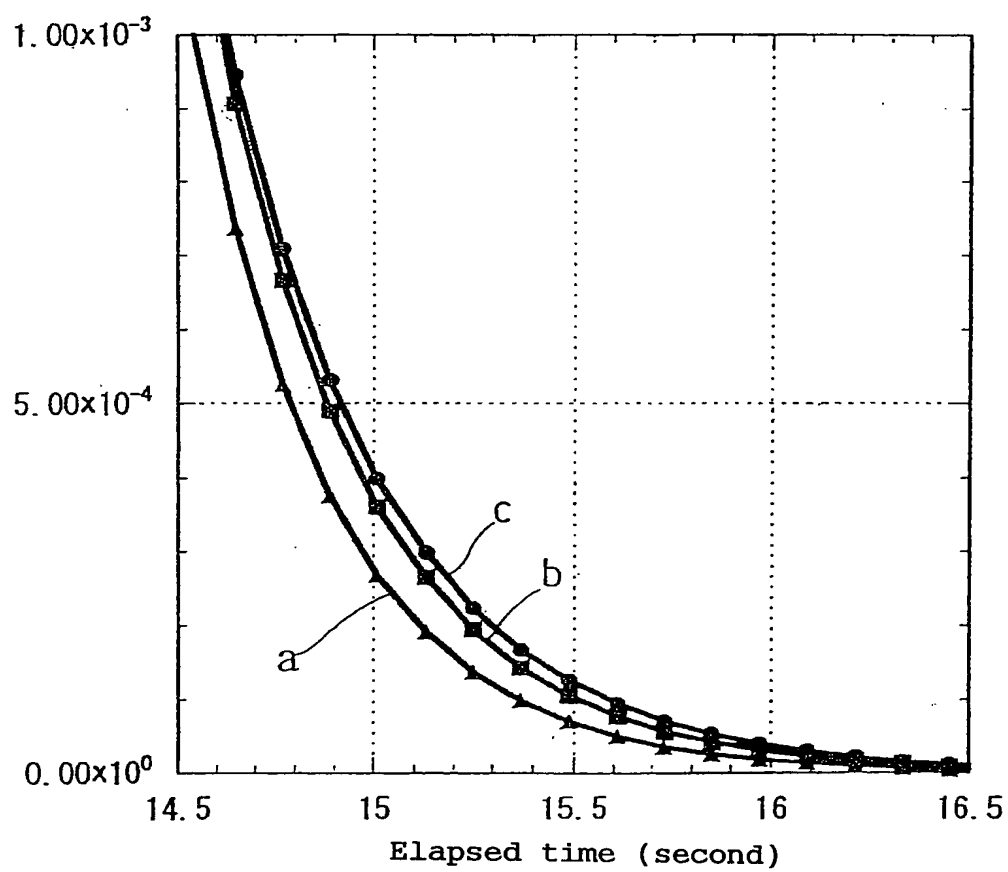


FIG. 7

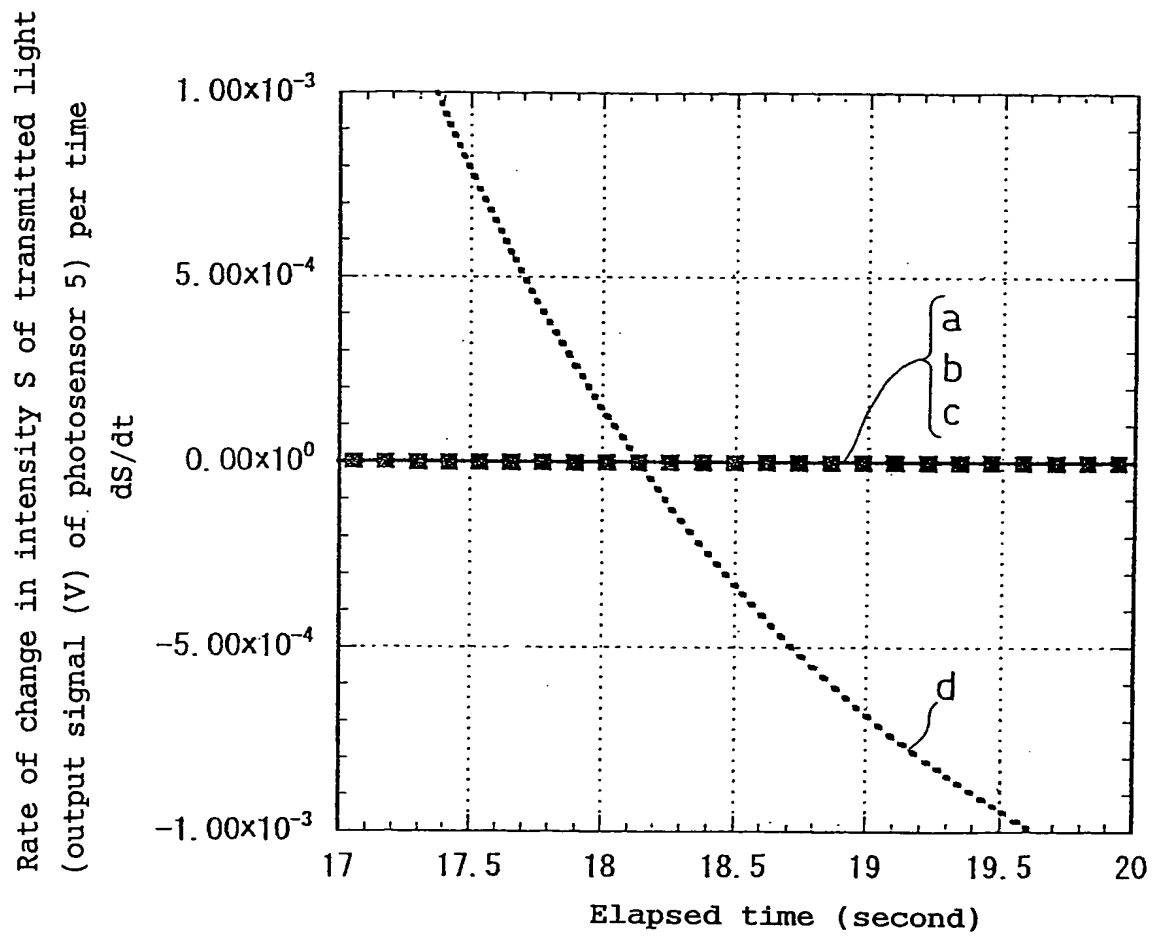


FIG. 8

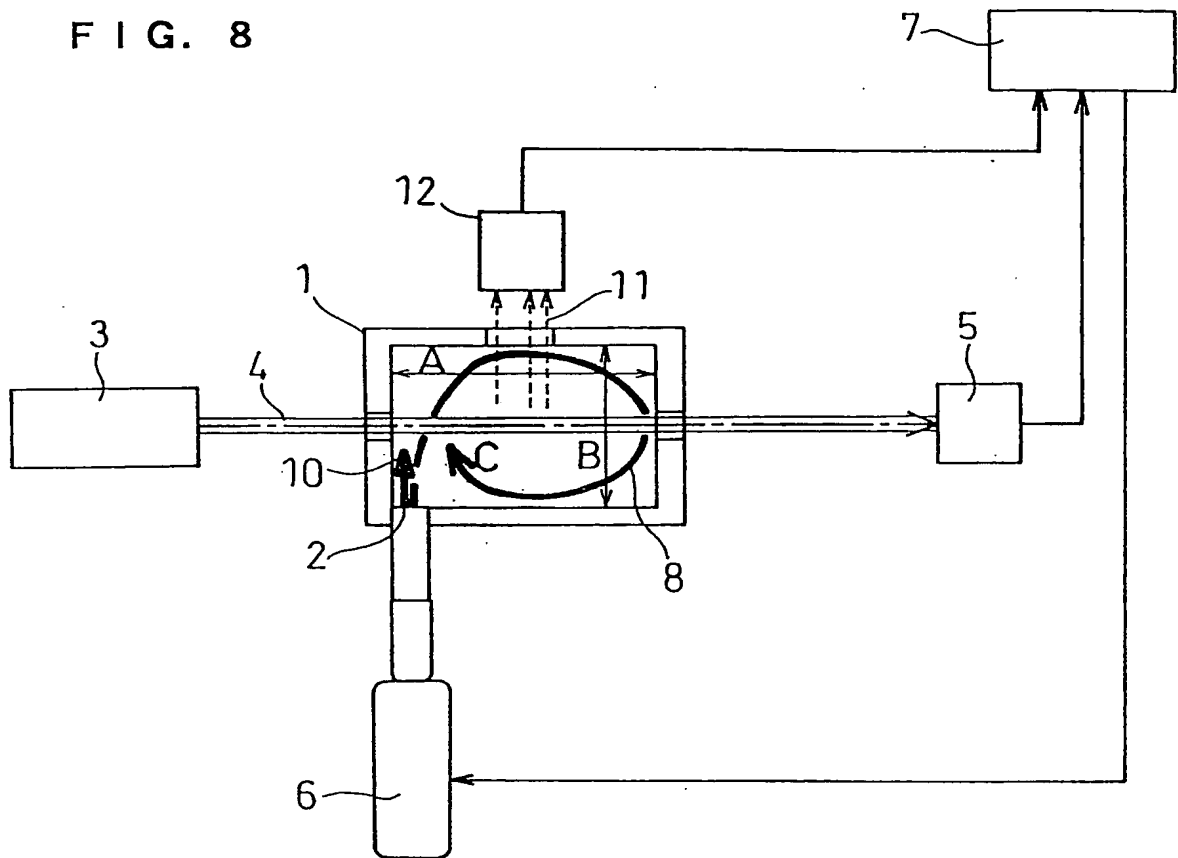


FIG. 9

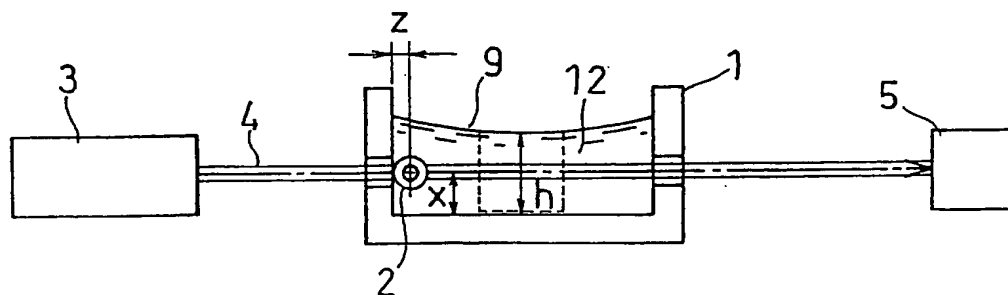


FIG. 10

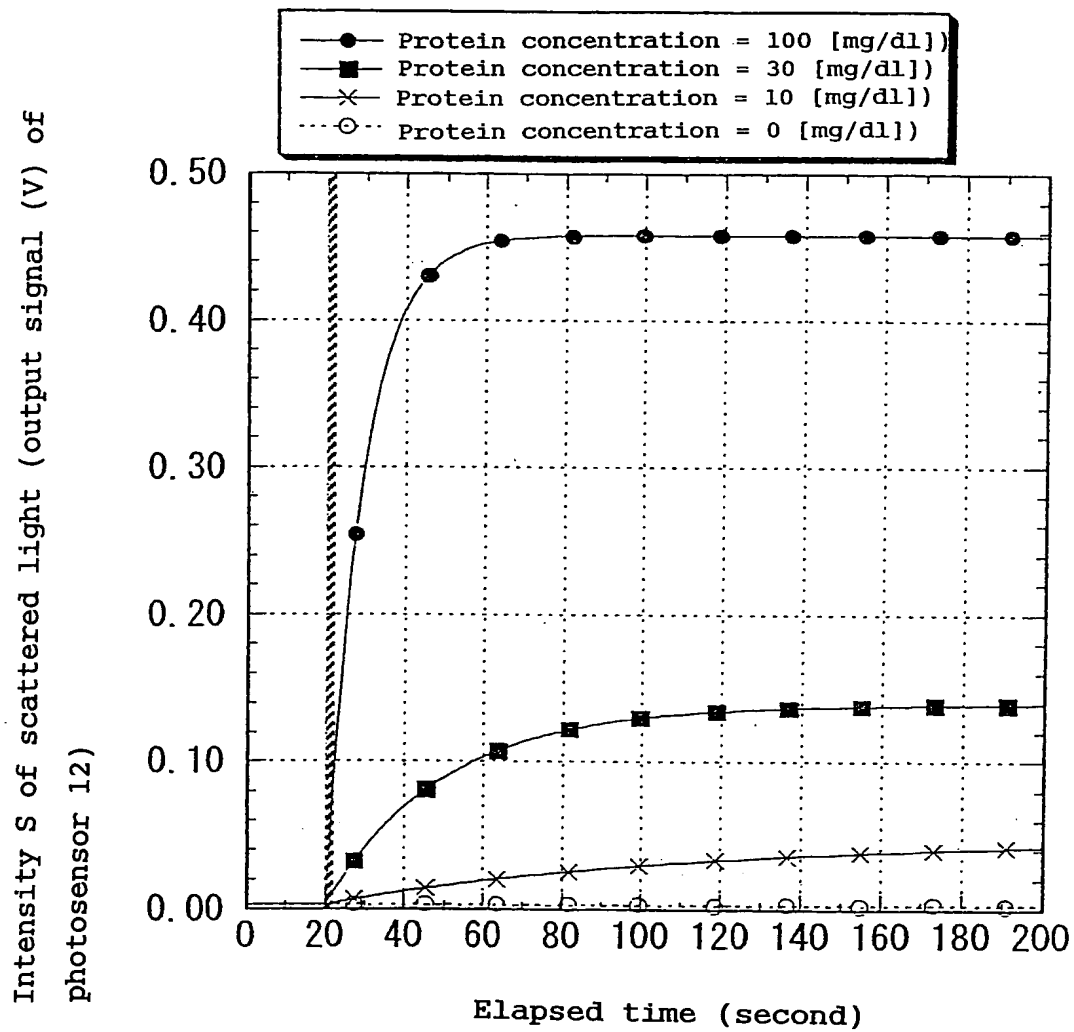


FIG. 11

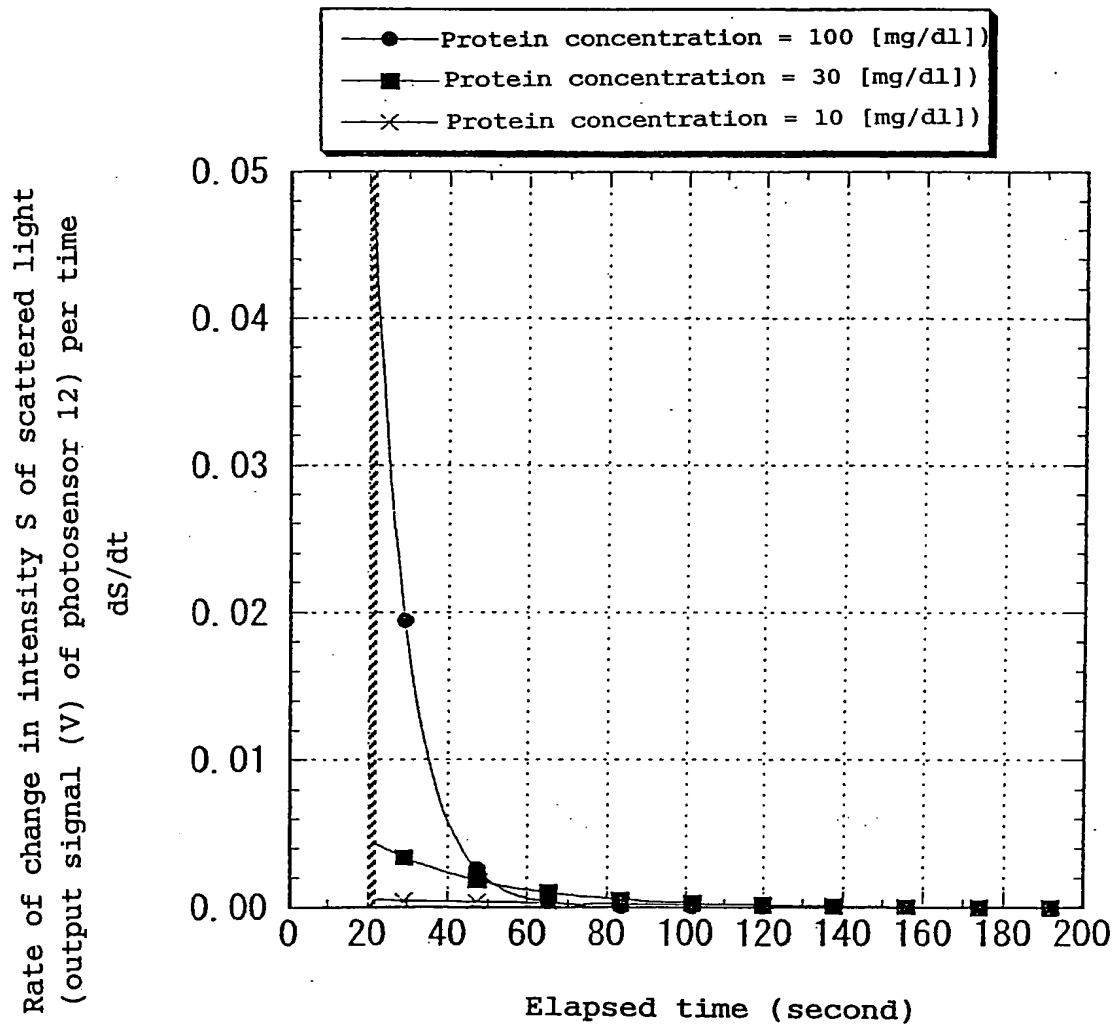


FIG. 12

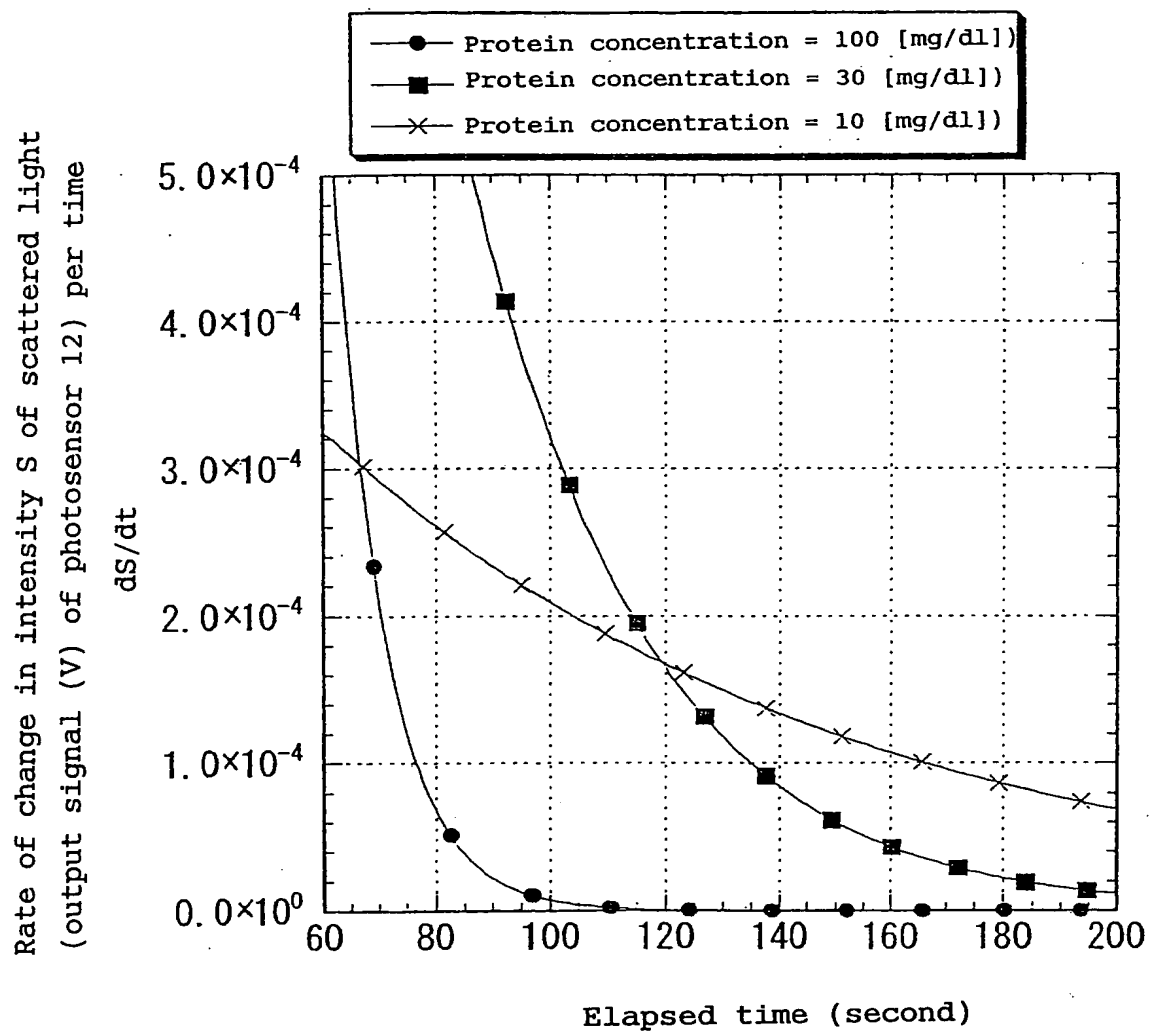


FIG. 13

Ratio of the rate of change in intensity S of scattered light
(output signal (V) of photosensor 12) per time to S

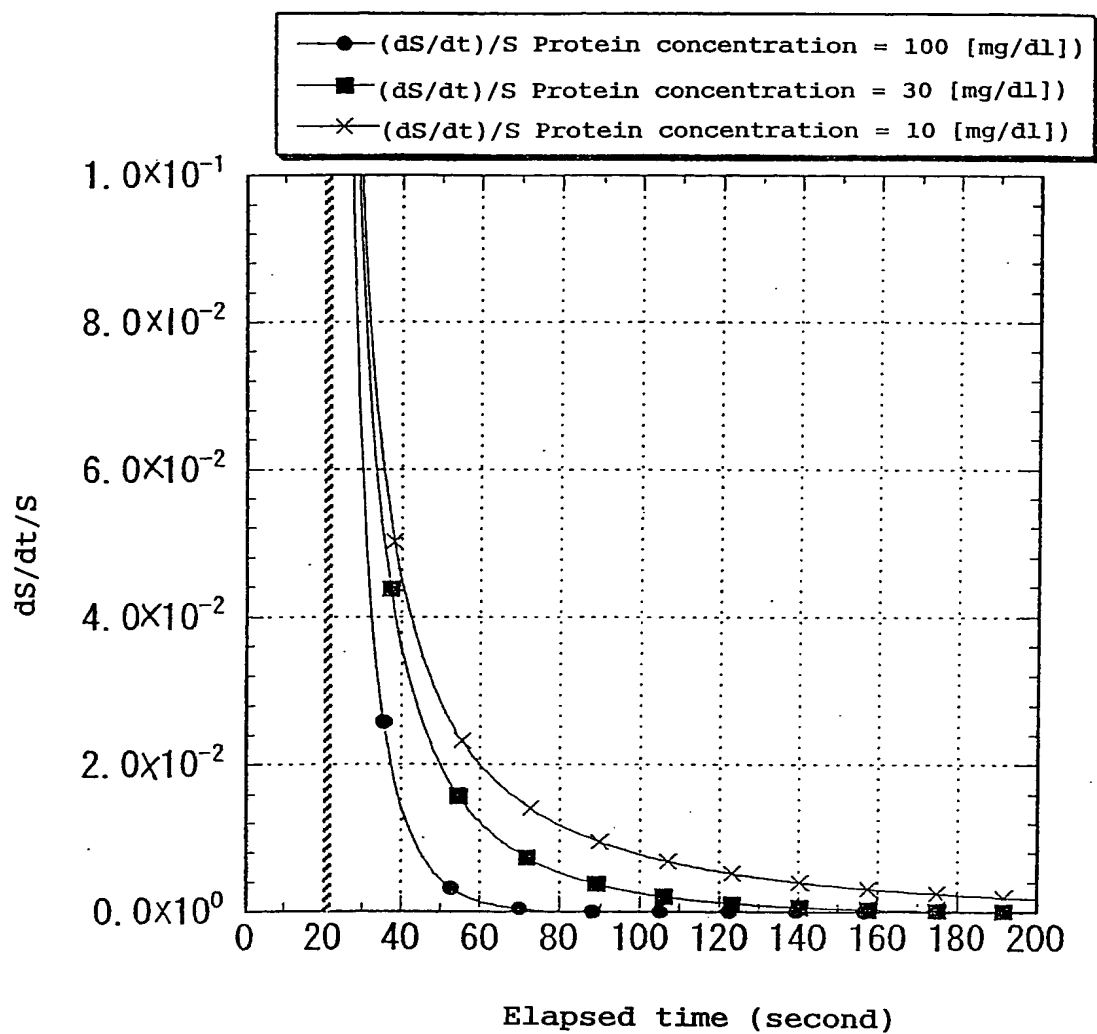


FIG. 14

Ratio of the rate of change in intensity S of scattered light
(output signal (V) of photosensor 12) per time to S

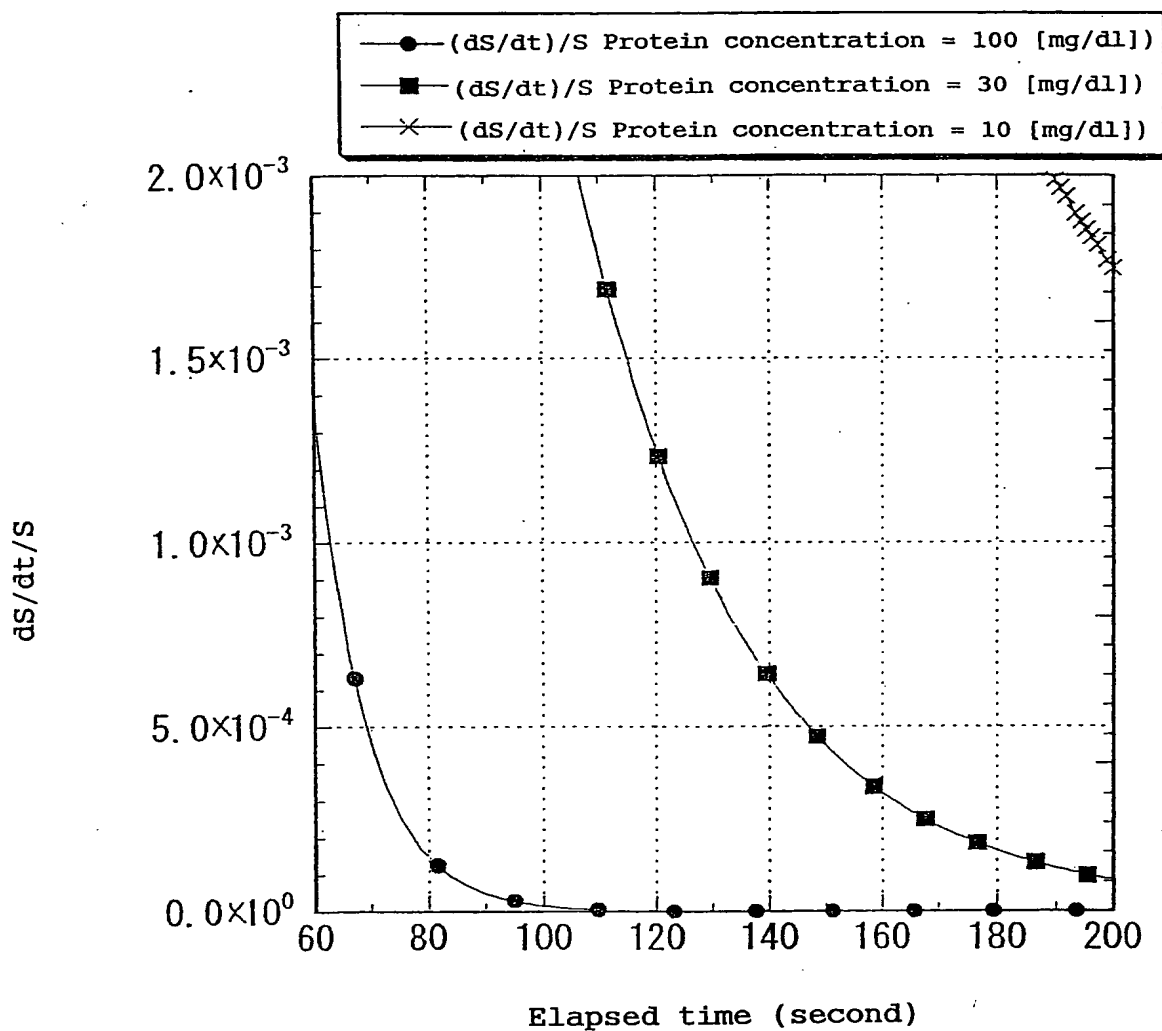


FIG. 15

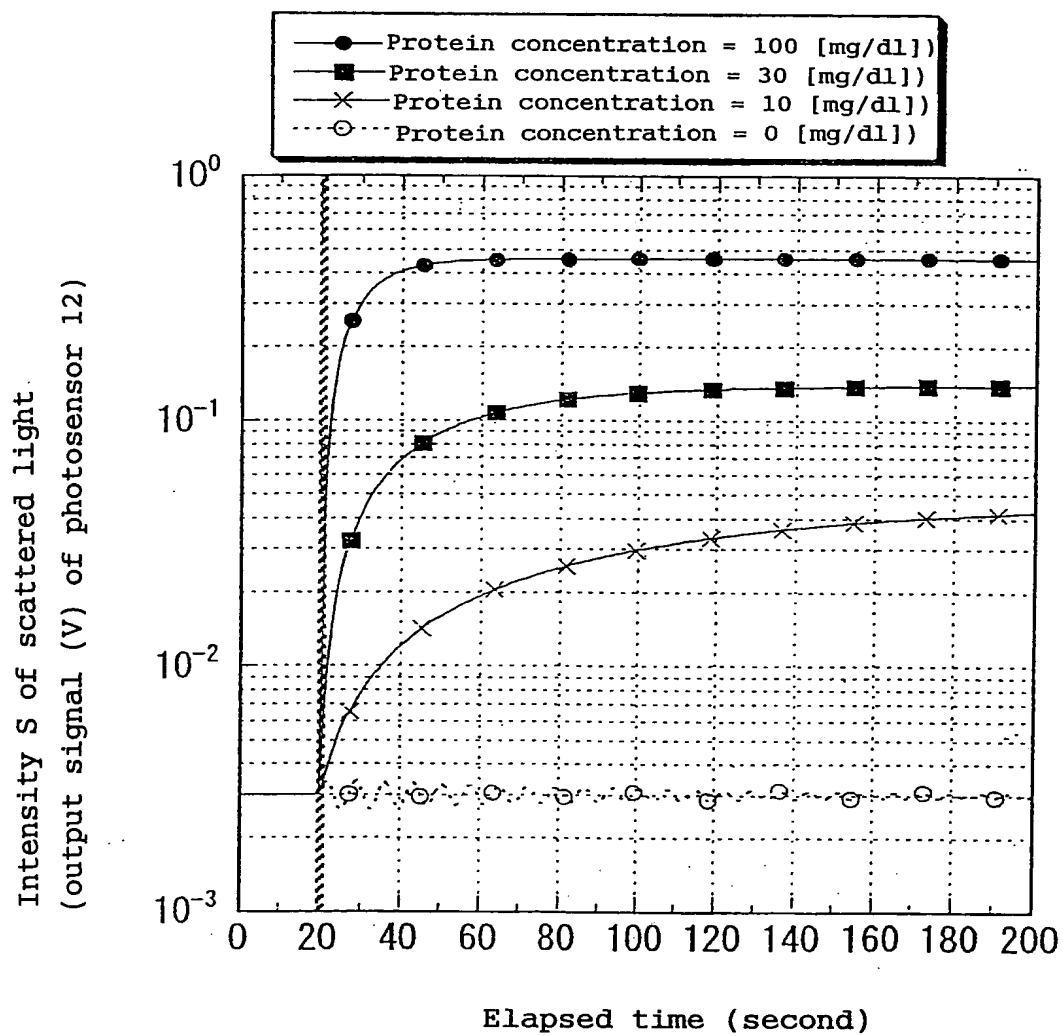


FIG. 16

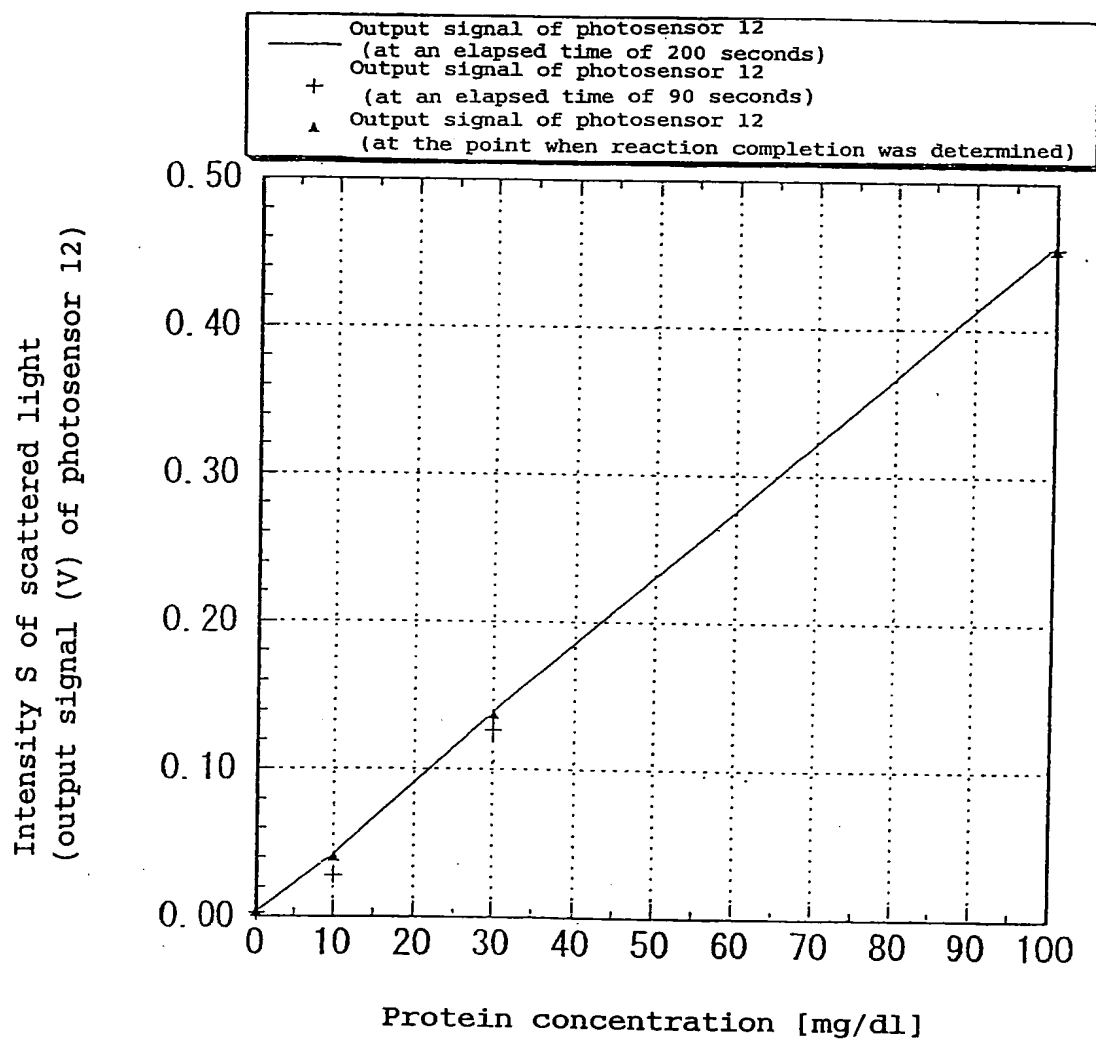


FIG. 17

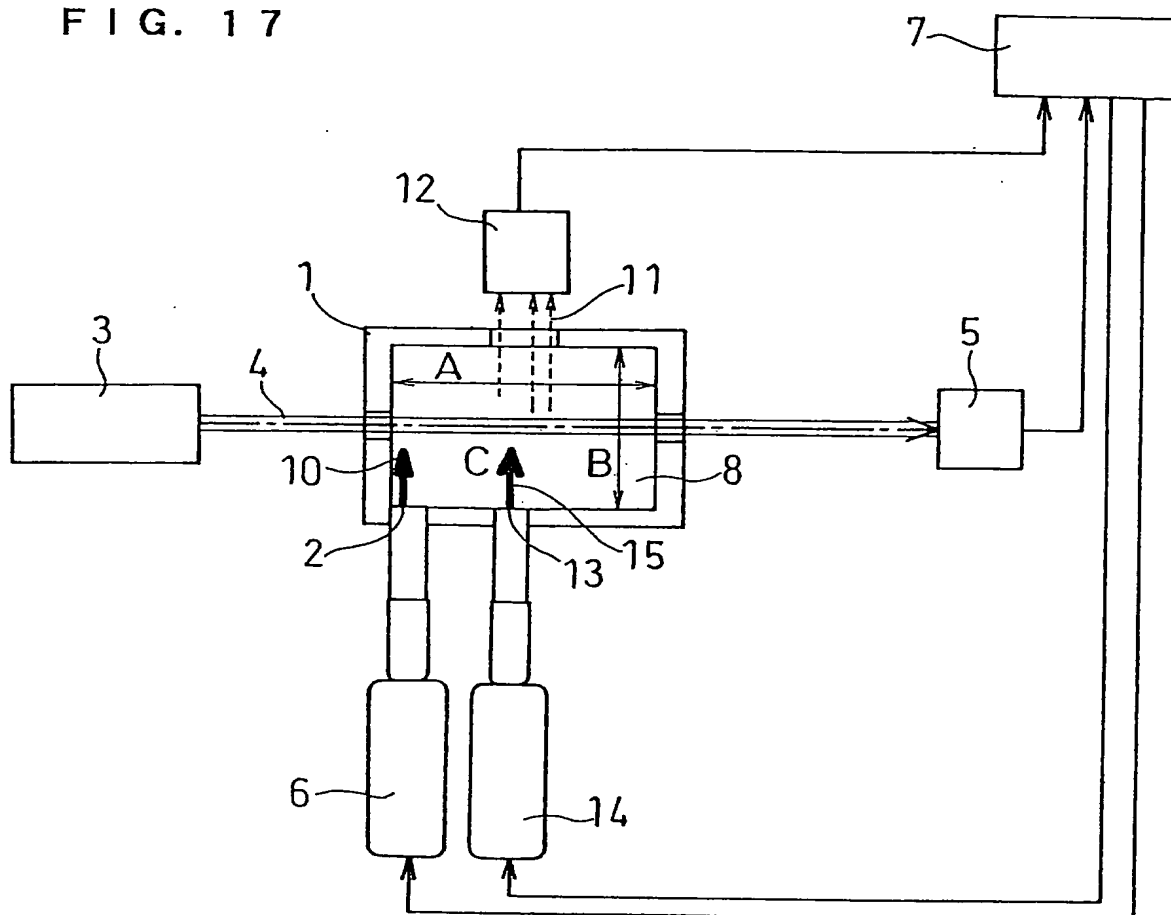


FIG. 18

